Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Station 1 - Concept**

Congruent means…

When you are trying to show that two triangles are congruent, you don’t need to show ALL sides and ALL angles are the same. The following pieces of information are enough to prove to triangles congruent:

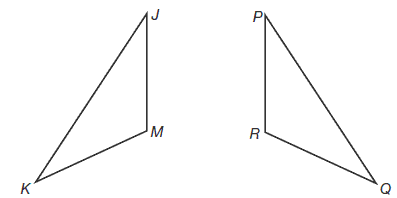
**Station 2 – Check the answer key!**

|  |  |
| --- | --- |
| **AAS**  1.  2. | **ASA**  3.  4. |
| **SSS**  5.  6. | **SAS**  7.  8. |

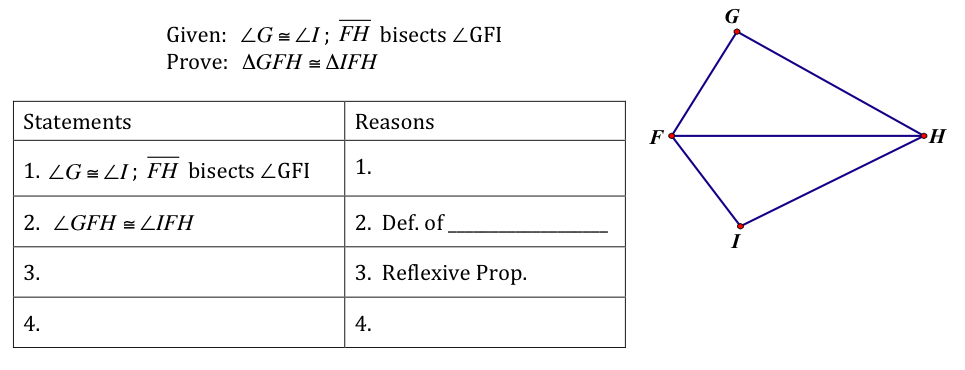
Check the answer key for your Topic 5 Problem Set (NEON yellow)

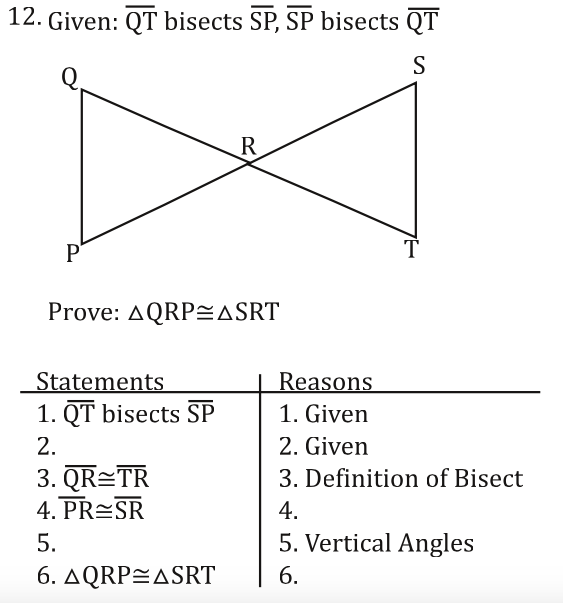
**Station 3 – What is missing?**

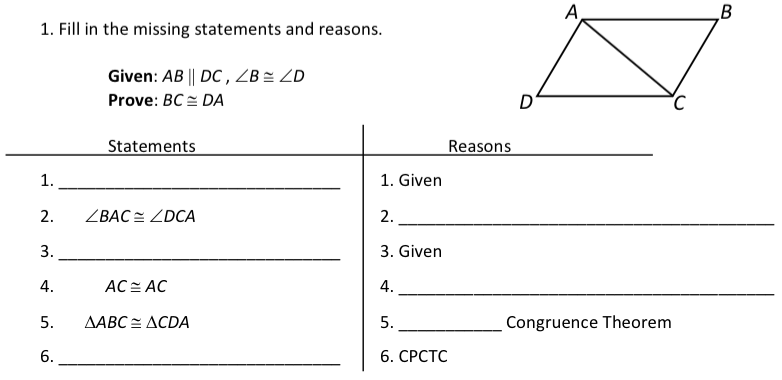
Given that , what other information would you need to prove the triangles congruent by each of the following postulates?

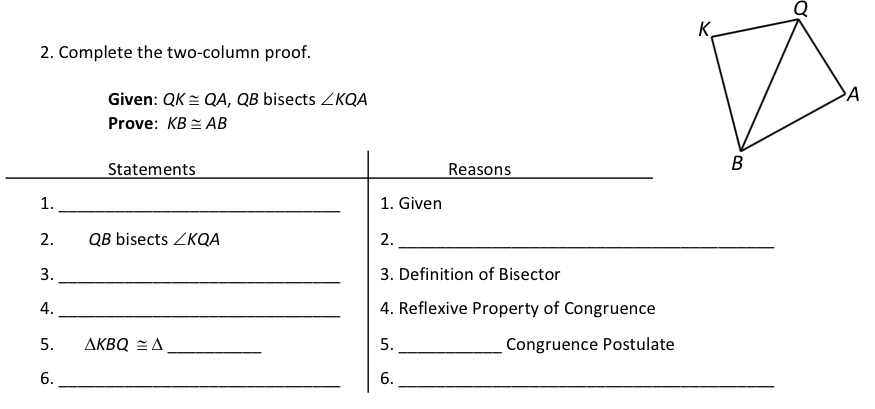
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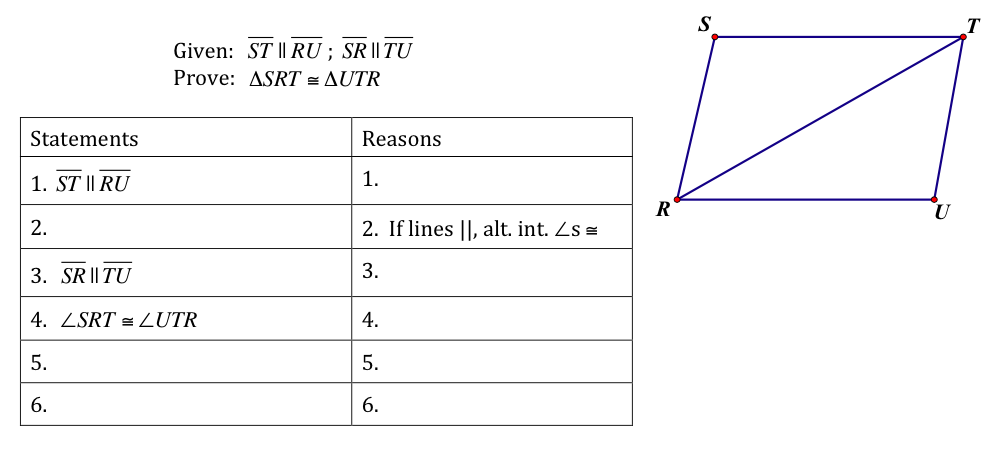
**Station 4 – Proofs!**











**ANSWER KEY**

**Station 3**

\*more than one correct answer for #7 and 8\*

1. 3. 5. 7.

2. 4. 6. 8.

**Station 4**

See attached.